

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	boost\$4 same weak adj learner with haar	US-PGPUB; USPAT	OR	ON	2009/08/28 16:22
L2	36	(svm support adj vector adj machine) with (wavelet near2 transform\$8) and (face facial head) near3 (detect\$4 extract \$4 recogn\$4 identifi\$8 find\$3 search\$3)	US-PGPUB; USPAT	OR	ON	2009/08/28 16:45
L3	11	(svm support adj vector adj machine) with (wavelet near2 transform\$8) and (face facial head) near3 (detect\$4 extract \$4 recogn\$4 identifi\$8 find\$3 search\$3) and "382".clas.	US-PGPUB; USPAT	OR	ON	2009/08/28 16:48
S1	10089	382/103,115,118,128,190,195,203,206,260-266,270-273.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 19:58
S2	982	boost\$4 near2 filter boost\$4 near2 chain	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/26 18:23
S3	79	(face facial head skin) same S2	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 14:48
S4	4	S1 and S3	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 12:35

S5	1146	boost\$4 near2 filter boost\$4 near2 chain boost\$3 near2 classif\$7	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 14:48
S6	11	(face facial head skin) same S5 and S1 not S4	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 12:41
S7	95	(face facial head skin) same S5 not S4	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 14:48
S8	1167	boost\$4 near2 filter boost\$4 near2 chain boost\$3 near2 classif\$7 hierarch\$4 near3 chain with classif\$7	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 17:44
S9	10089	382/103,115,118,128,190,195,203,206,260-266,270-273.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 14:48
S10	982	boost\$4 near2 filter boost\$4 near2 chain	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 14:48
S11	79	(face facial head skin) same S10	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 14:48
S12	4	S9 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 14:48

S13	1146	boost\$4 near2 filter boost\$4 near2 chain boost\$3 near2 classif\$7	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 14:48
S14	15	(face facial head skin) same S13 not S12 and "382".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 14:49
S15	1167	boost\$4 near2 filter boost\$4 near2 chain boost\$3 near2 classif\$7 hierarch\$4 near3 chain with classif\$7	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 19:48
S16	22	(boost\$4 near2 filter boost\$4 near2 chain boost\$3 near2 classif\$7 hierarch\$4 near3 chain with classif\$7) same (face facial head skin) near3 (recogni\$5 identifi\$7 detect\$4 isolat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 20:07
S17	1	"20050013479"	US-PGPUB	OR	OFF	2007/04/26 17:41
S18	98	(boost\$4 near2 filter boost\$4 near2 chain boost\$3 near2 classif\$7 hierarch\$4 near3 chain with classif\$7) and "382".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 19:49
S19	36	382/103,115,118,128,190,195,203,206,260-266,270-273.ccls. and (recenter center) with display and detect\$4 near3 (face facial)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 20:06
S20	10089	382/103,115,118,128,190,195,203,206,260-266,270-273.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 20:07
S21	31	S20 and enhanc\$3 with filter\$4 with (face facial head skin) and (face facial head skin) near3 (recogni\$5 identifi\$7 detect\$4 isolat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 20:18

S22	10441	(haar extended mirror variance) near2 filter	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 20:21
S25	5	S20 and S22 same skin	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 20:20
S26	133	(haar extended mirror variance) near2 feature and S20	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 20:21
S28	2	(haar extended mirror variance) near2 feature same skin and S20	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 20:22
S29	1	mirror with threshold and "20050013479"	US-PGPUB	OR	OFF	2007/04/26 17:46
S30	1	config\$7 same threshold and "20050013479"	US-PGPUB	OR	ON	2007/04/26 17:45
S31	1	mirror with threshold and "20050013479"	US-PGPUB	OR	ON	2007/04/26 17:46
S32	1	linear near3 filter with weak near3 learn\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 15:55
S33	141	linear near3 filter with logic	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 15:55
S34	10107	382/103,115,118,128,190,195,203,206,260-266,270-273.ccls	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 15:55

S35	10	S34 and S33	US- PGPUB; USPAT; USOCR	OR	ON	2007/04/27 15:55
S36	2	filter\$3 near3 color same pre-process\$3 same (support adj vector adj machine svm)	US- PGPUB; USPAT	OR	OFF	2008/06/03 16:11
S37	1	filter\$3 near3 color same (light\$3 near3 correct\$3 histogram near3 (balanc\$3 equal\$8)) same (support adj vector adj machine svm)	US- PGPUB; USPAT	OR	OFF	2008/06/03 16:13
S38	3	filter\$3 near3 color and (light\$3 near3 correct\$3 histogram near3 (balanc\$3 equal\$8)) and (support adj vector adj machine svm)	US- PGPUB; USPAT	OR	OFF	2008/06/03 16:14
S39	10	filter\$3 near3 color and (light\$3 near3 correct\$3 histogram near3 (balanc\$3 equal\$8) preprocess\$3 pre-process\$4) and (support adj vector adj machine svm)	US- PGPUB; USPAT	OR	OFF	2008/06/03 16:14
S40	75520	fac\$4 near3 (detect\$3 segment\$7)	US- PGPUB; USPAT	OR	OFF	2008/06/03 16:19
S41	22	fac\$4 near3 detect\$3 and ((color colour\$3 hue shade flesh) near3 filter\$3) and (SVM support adj vector adj machine)	US- PGPUB; USPAT	OR	OFF	2008/06/03 16:21
S42	7	(filter\$3 segment\$4) near3 (color colour\$3 flesh tone hue) and (light\$3 near3 (correct\$3 balanc\$3) histogram near3 (balanc\$3 equal\$8) preprocess\$3 pre-process\$4) and (support adj vector adj machine svm) not S39	US- PGPUB; USPAT	OR	OFF	2008/06/03 16:54
S43	795	(color colour\$3 flesh tone hue) and (light\$3 histogram ) and (support adj vector adj machine svm) not S39 not S42	US- PGPUB; USPAT	OR	OFF	2008/06/03 17:09
S44	12268	382/103,115,118,128,190,195,203,206,260-266,270-273.ccls.	US- PGPUB; USPAT; USOCR	OR	ON	2008/06/03 17:10

S45	111	(color colour\$3 flesh tone hue) and (light\$3 histogram ) and (support adj vector adj machine svm) not S39 not S42 and S44	US-PGPUB; USPAT	OR	OFF	2008/06/03 17:10
S46	1	"20050013479" and mirror	US-PGPUB	OR	OFF	2008/06/03 18:15
S47	14443	boot near2 strap\$4 bootstrap\$3	US-PGPUB; USPAT	OR	OFF	2009/01/05 12:02
S48	573079	train\$4 learn\$4	US-PGPUB; USPAT	OR	OFF	2009/01/05 12:02
S49	261	S47 with S48	US-PGPUB; USPAT	OR	OFF	2009/01/05 12:02
S50	87	S47 with S48 same (detect\$4 recog\$8 track\$3 identif\$8 match\$3)	US-PGPUB; USPAT	OR	OFF	2009/01/05 12:03
S51	789	(boot near2 strap\$4 bootstrap\$3) same (boost\$3 adaboost)	US-PGPUB; USPAT	OR	OFF	2009/01/05 14:02
S52	561	(boot near2 strap\$4 bootstrap\$3) with (boost\$3 adaboost)	US-PGPUB; USPAT	OR	OFF	2009/01/05 14:03
S53	38	(boot near2 strap\$4 bootstrap\$3) with (boost\$3 adaboost) same (detect\$4 recog\$8 track\$3 identif\$8 match\$3)	US-PGPUB; USPAT	OR	OFF	2009/01/05 14:03
S54	1	"20050013479"	US-PGPUB; USPAT	OR	OFF	2009/03/04 19:55
S55	0	10/621260.app.	USPAT	OR	OFF	2009/06/09 12:28
S56	1	10/621260.app.	US-PGPUB; USPAT	OR	OFF	2009/06/09 12:28

S57	75	weak adj learner	US-PGPUB; USPAT	OR	OFF	2009/06/09 12:41
S58	16279	boot adj strap\$4 bootstrap\$4 boot-strap\$4	US-PGPUB; USPAT	OR	OFF	2009/06/09 12:41
S59	1	S57 same S58	US-PGPUB; USPAT	OR	OFF	2009/06/09 12:41
S60	19	logitboost	US-PGPUB; USPAT	OR	OFF	2009/06/09 12:43
S61	0	("2007/0237370").URPN.	USPAT	OR	OFF	2009/06/09 12:44
S62	0	(boost\$3 adaboost logitboost) same (node) with (weight\$3 scal\$3) with error	US-PGPUB; USPAT	OR	ON	2009/06/09 17:06
S63	2	(boost\$3 adaboost logitboost) same (node) with (weight\$3 scal\$3) with error	US-PGPUB; USPAT	OR	ON	2009/06/09 17:06
S64	54	(boost\$3 adaboost logitboost) same (train\$3 learn\$3) with (weight\$3 scal\$3) with error	US-PGPUB; USPAT	OR	ON	2009/06/09 17:08
S65	1	10/621260.app. and medium	US-PGPUB; USPAT	OR	OFF	2009/08/24 15:33
S66	1	10/621260.app.	US-PGPUB; USPAT	OR	OFF	2009/08/28 13:14
S67	26	(svm support adj vector adj machine) with (wavelet near2 transform\$8)	US-PGPUB; USPAT	OR	OFF	2009/08/28 13:18

\$68	59	(svm support adj vector adj machine) with (wavelet near2 transform\$8)	US- PGPUB; USPAT	OR	ON	2009/08/28 13:18
\$69	3	decision near2 stump with haar	US- PGPUB; USPAT	OR	ON	2009/08/28 13:19
\$70	0	"20060088894" and haar	US- PGPUB; USPAT	OR	ON	2009/08/28 13:52
\$71	38	(svm support adj vector adj machine) with (wavelet near2 transform\$8) and (face facial head)	US- PGPUB; USPAT	OR	ON	2009/08/28 13:59

### EAST Search History (Interference)

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